

We claim:

1. A piezoelectric assembly, comprising:

an elastic hollow body;

a top cover plate connected to said hollow body by one of welding and flanging, and a bottom cover plate connected to said hollow body; and

a piezoelectric actuator having an extension direction, said actuator inserted into said hollow body in said extension direction between said cover plates for prestressing said actuator.

2. The piezoelectric assembly according to claim 1, wherein said hollow body has a given length, two butting edges and at least one connecting seam connecting said two butting edges to one another and extending entirely over said given length.

3. The piezoelectric assembly according to claim 1, wherein said hollow body has a longitudinal direction and two butting edges associated with one another and disposed in said longitudinal direction, said butting edges not being connected to one another.

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4. The piezoelectric assembly according to claim 1, wherein said hollow body has apertures at least partially determining an elasticity of said hollow body.

5. The piezoelectric assembly according to claim 1, wherein said hollow body is made of at least one plate formed into said hollow body and then fixed by at least one connecting seam.

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